

ABSTRACT

It is intended to provide a method of quantifying a nucleic acid and a kit for quantifying a nucleic acid. More specifically, it is intended to provide a standard comprising a synthetic polynucleotide obtained by chemical synthesis which is to be used
5 for forming a calibration curve employed for quantifying a specific target nucleic acid in a sample, a quantification method and a quantification kit using the same, a method of diagnosing a specific disease, etc. The standard is a synthetic polynucleotide obtained by chemical synthesis. Compared with the existing standards comprising biosynthesized polynucleotides, it has an advantage that a target sequence can be precisely obtained by a
10 convenient method. Moreover, the above-described standard suffers from little biological contamination. Therefore, it is highly safe to the environment and factors disturbing highly precise quantification can be lessened therein.